

09/27/01

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09/26/01  
J1033 U.S. PTO

PATENT

Docket No. D-440

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Randal K. Douglas and Anthony S. Abbott

For (title): Spread Spectrum Receiver Kalman Filter Residual  
Estimator Method

J1033 U.S. PTO  
09/26/01  
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1. Type of Application

This new application is an ORIGINAL application.

2. Benefit of Prior U.S. Application(s) (35 USC 120) - No

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date September 26, 2001 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number ET2259371SSUS addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231

Carole A. Mulchinski  
(Type or print name of person mailing paper)

Carole A. Mulchinski  
(Signature of person mailing paper)

3. **Papers Enclosed Which Are Required for Filing Date Under 37 CFR 1.53(b) (Regular) or 37 CFR 1.153 (Design) Application**

32 Pages of specification  
11 Pages of claims  
1 Pages of Abstract  
4 Sheets of drawing

☐ informal

☐ in triplicate

4. **Additional papers enclosed**

☐ Preliminary Amendment

☐ Information Disclosure Statement

☐ Form PTO-1449

5. **Declaration or oath executed by INVENTOR(S)**

☒ Enclosed

6. **Inventorship Statement**

The inventorship for all the claims in this application is THE SAME.

7. **Language: ENGLISH**

8. **Assignment**

☒ An assignment of the invention to The Aerospace Corporation  
P. O. Box 92957 (M1/040), Los Angeles, CA 90009-2957

☒ is attached

☐ will follow

9. **Certified Copy**

Certified copy(ies) of application(s) X are not applicable      are  
attached      will follow.

10. Fee Calculation

☒ Regular application

CLAIMS AS FILED

Number Filed	Number Extra	Rate	Basic Fee
			\$710.00
Total Claims	- 16 -20= 0	X \$ 9.00	
Independent Claims	- 3 -3= 0	X \$ 40.00	00.00
Multiple dependent claim(s), if any		\$270.00	

☐ Amendment cancelling extra claims enclosed

☐ Amendment deleting multiple dependencies enclosed

☐ Fee for extra claims is not being paid at this time

Filing Fee Calculation \$710.00

11. Small Entity Statement(s)

☒ Applicant claims small entity status.

\$355.00

12. Fee Payment Being Made At This Time

☐ No filing fee is to be paid at this time. (This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently.)

☒ Enclosed

☒ Basic filing fee \$ 355.00

☒ Recording assignment (\$40.00; 37 CFR 1.21(h)(1)) \$ 40.00

Total fees enclosed \$ 395.00

(Application Transmittal [4-1]--page 3 of 4)

13. **Method of Payment of Fees**

☒ charge Account No. 01-0428 in the amount of \$ 395.00.  
A duplicate of this transmittal is attached.

14. **Authorization to Charge Additional Fees**

☒ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 01-0428.

☒ 37 CFR 1.16 (filing fees)

☒ 37 CFR 1.16 (presentation of extra claims)

☒ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

☒ 37 CFR 1.17 (application processing fees)

☒ 37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b)).

**Instructions As To Overpayment**

☒ credit Account No. 01-0428.

**Reg. No.:** 32,096

**Tel. No. (310) 336-6708**



Signature of Attorney

Derrick Michael Reid  
Type or print name of attorney

THE AEROSPACE CORPORATION  
P.O. Box 92957 (M1/040)  
Los Angeles, CA 90009-2957

☒ This transmittal ends with this page.

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